

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) ~~Projector lens~~ Optical projection system comprising:
an optical element for shaping radiation fields emitted from a light guides,
the optical element being formed in a monolithic body ~~which has~~ having a radiation-field-shaping region and a connecting region for the light guide ~~which are part of the optical element,~~
the connecting region having a connecting area for accepting a front face of the light guide, said connecting area being ~~which is~~ adapted approximately to a diameter of the light guide, ~~and is disposed offset from a vicinity of the connecting region~~
a carrier extending outside said radiation-field-shaping region and adjacent said connecting region, said connecting region extending beyond a side of the carrier to form a free standing projection having the connecting area on an end face of said projection.
- 2-3. (Cancelled).
4. (Currently amended) ~~Projector lens~~ A system according to claim 1, wherein the optical element is part of a the monolithic body extending beyond said element.
5. (Currently amended) ~~Projector lens~~ A system according to claim 4, wherein the carrier vicinity ~~of the connecting region is formed~~ part of ~~by one side of~~ the monolithic body.
6. (Currently amended) ~~Projector lens~~ A system according to claim 1, wherein the monolithic body is held ~~in a~~ by the carrier, which is separate from it the monolithic body.

7. (Cancelled).

8. (Currently amended) ~~Projector lens~~ A system according to claim 6, wherein the optical element is formed by a monolithic body which is approximately cylindrically constructed and encloses both the radiation-field-shaping region and the connecting region.

9. (Currently amended) ~~Projector lens~~ A system according to claim 1, wherein the radiation-field-shaping region has an area curved in the manner of a lens for radiation field shaping.

10. (Currently amended) ~~Projector lens~~ A system according to claim 1, wherein the radiation-field-shaping region has a refractive index gradient for radiation field shaping.

11. (Currently amended) ~~Projector lens~~ A system according to claim 1, wherein a plurality of the optical elements are individual optical elements is formed in the monolithic body, each optical element having a corresponding radiation-field-shaping region and corresponding connecting area formed on a corresponding connecting region.

12. (Currently amended) ~~Projector lens~~ A system according to claim 11, wherein the individual optical elements are held by a common carrier.

13. (Currently amended) ~~Projector lens~~ A system according to claim 11, wherein the individual optical elements are formed by segmental regions of a the unitary monolithic body.

14. (Currently amended) ~~Projector lens~~ A system according to claim 1, wherein the radiation-field-shaping region has boundary surfaces shaped in such a way that rays reflected on them are substantially not reflected back directly into the light guide.

15. (Currently amended) ~~Projector lens~~ A system according to claim 14, wherein the radiation-

field-shaping element acts in such a way that it does not collimate exactly.

16. (Currently amended) ~~Projector lens~~ A system according to claim 1, wherein the light guide is connected to the connecting area of the connecting region such that it is substantially reflection-free.

17. (Currently amended) ~~Projector lens~~ A system according to claim 1, wherein a marking is associated with each connecting region.

18. (Currently amended) ~~Projector lens~~ A system according to claim 1, wherein comprising an optical element for shaping radiation fields emitted from light guides, the optical element being formed in a monolithic body which has a radiation field-shaping region and a connecting region for the light guide which are part of the optical element, the connecting region having a connecting area for being connected to a front area of the light guide, a heatable material is provided by means of which the material in the a region of the areas of the light guide and the connecting area which are to be connected can be heated up to effect a connection of the light guide and the connecting area is provided in the region of the areas to be connected.

19. (Currently amended) ~~Projector lens~~ A system according to claim 18, wherein a collar of a heatable material by means of which the material in the region of the areas to be connected can be heated up is provided in the region of the areas to be connected.

20. (Currently amended) ~~Projector lens~~ A system according to claim 18, wherein the light guide is provided with a collar of heatable material in the region of its front face.

21. (Currently amended) ~~Projector lens~~ A system according to claim 18, wherein the heatable material can be heated up by absorption of rays.

22. (Currently amended) ~~Projector lens~~ A system according to claim 21, wherein the material can be heated up by laser radiation.

23. (Currently amended) ~~Projector lens~~ A system according to claim 22, wherein the material can be heated up by laser radiation passing through the monolithic body.